

REMARKS**Summary of the Office Action**

Claims 1 and 7 stand rejected under 35 U.S.C. § 112, second paragraph as allegedly being indefinite.

Claims 1 and 7 stand rejected under 35 U.S.C. § 102(b) as allegedly being anticipated by Takumi (JP 05-047972) (hereinafter "Takumi").

Claims 2-6 and 8-11 are allowed.

Response to the Office Action

In the Office Action, the Examiner indicates that the "substrate is depressed with respect to wirings 4 shown in figure 4." However, Applicants respectfully submit that the structure indicated by the Examiner is an arrangement of the structural 1 with respect to the wiring 4. Therefore, Applicants respectfully submit that it is clear that Takumi does not teach or suggest the claimed depressed portion. Applicants respectfully submit that the claimed depressed portion is a structural feature which the claimed substrate itself has, and it can improve the cooling effect for the charge reading part. In contrast, Applicants note that even though the arrangement of the substrate in Takumi with respect to the wiring is modified, a cooling effect for the active components 21 cannot be obtained because the structure of the substrate on which the active components 21 are provided is not improved. As a result, Applicants believe that the Examiner's rejection is clearly incorrect for at least these reasons.

While Applicants do not agree with the rejection as discussed previously, Applicants have nevertheless canceled rejected claims 1 and 7 to advance the prosecution of this application without prejudice or disclaimer to the possible refilling of such claims in a future continuation

application. Accordingly, only allowed claims 2-6 and 8-11 remain pending in this application.

As a result, withdrawal of the rejections to claims 1 and 7 are respectfully requested. Prompt issuance of a Notice of Allowance with allowed claims 2-6 and 8-11 is respectfully requested in light of the Office Action's indication of claims 2-6 and 8-11 being allowed.

CONCLUSION

In view of the foregoing discussion, Applicants respectfully request the entry of the amendments to place the application in clear condition for allowance or, in the alternative, in better form for appeal. Should the Examiner feel that there are any issues outstanding after consideration of this response, the Examiner is invited to contact Applicants' undersigned representative to expedite prosecution. A favorable action is awaited.

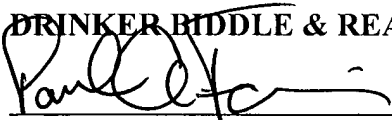
EXCEPT for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0573. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

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By:


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